WE CLAIM:

1.   A wrap-around dialer comprising:

a memory for storing a first long distance access code; and

a processor configured to:

receive a string of numbers from a dialing device;

deliver the first long distance access code and at least a portion of the string of numbers into a telephone line if the string of numbers includes a second long distance access code; and ,

deliver the full string of numbers into the telephone line without the first long distance access code if the string of numbers does not include the second long distance access code.

2.   The dialer of claim 1 wherein the processor is also configured to disconnect the dialing device from phone line while receiving at least a portion of the string of numbers from the dialing device.

3.   The dialer of claim 2 wherein the processor is also configured to connect the dialing device to the phone line after receiving at least a portion of the string of numbers.

4.   The dialer of claim 1 wherein the first long distance access code is different from the second long distance access code.

5.   The dialer of claim 1 wherein the second long distance access code is the digit "1" at the beginning of the string of numbers.

6.   The dialer of claim 1 wherein the second long distance access code is the digits "011" at the beginning of the string of numbers.

7.   The dialer of claim 1 wherein the second long distance access code is either the digit "1" or the digits "011" at the beginning of the string of numbers.

8.   The dialer of claim 1 wherein the delivered portion of the string of numbers is the string of numbers without the second long distance access code.

9. The dialer of claim 1 wherein the processor is also configured to deliver the first long distance access code into the telephone line before the portion of the string of numbers.

10. The dialer of claim 9 wherein the processor is also configured to begin delivering the first long distance access code into the telephone line while there is a dial tone on the telephone line.

11. The dialer of claim 1 wherein the dialing device is a telephone.

12. The dialer of claim 1 wherein the dialing device is integral with the wrap-around dialer.

13. A wrap-around dialer comprising:

means for storing a first long distance access code; and

means for receiving a string of numbers from a dialing device;

means for delivering the first long distance access code and at least a portion of the string of numbers into a telephone line if the string of numbers includes a second long distance access code; and

means for delivering the full string of numbers into the telephone line without the first long distance access code if the string of numbers does not include the second long distance access code.

14. A wrap-around dialing process comprising:

receiving a string of numbers from a dialing device;

delivering a first long distance access code and at least a portion of the string of numbers into a telephone line when the string of numbers includes a second long distance access code; and

delivering the full string of numbers into the telephone line without the first long distance access code when the string of numbers does not include the second long distance access code.

15.   The process of claim 13 further comprising disconnecting the dialing device from phone line while receiving at least a portion of the string of numbers from the dialing device.

16.   The process of claim 14 further comprising connecting the dialing device to the phone line after receiving at least a portion of the string of numbers.

17.   The process of claim 13 wherein the first long distance access code is different from the second long distance access code.

18.   The process of claim 13 wherein the second long distance access code is the digit "1" at the beginning of the string of numbers.

19.   The process of claim 13 wherein the second long distance access code is the digits "011" at the beginning of the string of numbers.

20.   The process of claim 13 wherein the second long distance access code is either the digit "1" or the digits "011" at the beginning of the string of numbers.

21.   The process of claim 13 wherein the delivered portion of the string of numbers is the string of numbers without the second long distance access code.

22.   The process of claim 13 further comprising delivering the first long distance access code into the telephone line before the portion of the string of numbers.

23.   The process of claim 21 further comprising beginning the delivery of the first long distance access into the telephone line while there is a dial tone on the telephone line.

24.   The process of claim 13 wherein the dialing device is a telephone.